

RAW SEQUENCE LISTING

**The Biotechnology Systems Branch of the Scientific and Technical
Information Center (STIC) no errors detected.**

Application Serial Number: 09/201,228B
Source: IFw/6
Date Processed by STIC: 7/1/05

ENTERED



IFW16

RAW SEQUENCE LISTING

DATE: 07/01/2005

PATENT APPLICATION: US/09/201,228B

TIME: 11:39:57

Input Set : D:\seq-list-replace.txt

Output Set: N:\CRF4\06302005\I201228B.raw

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4 <110> APPLICANT: Griffais, Remy
5      Hoiseth, Susan K.
6      Zagursky, Robert John
7      Metcalf, Benjamin J.
8      Peek, Joel A.
9      Sankaran, Banumathi
10     Fletcher, Leah Diane
12 <120> TITLE OF INVENTION: CHLAMYDIA TRACHOMATIS POLYNUCLEOTIDES AND VECTORS,
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13     DNA CHIPS OR KITS CONTAINING THE SAME
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24 <151> PRIOR FILING DATE: 1997-12-17
26 <150> PRIOR APPLICATION NUMBER: FR 97-15041
27 <151> PRIOR FILING DATE: 1997-11-28
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240 gtttggaag cttctttgaa agaggtcttg gatttggttc atcaacaaga atggcagggt 11820
241 ttcacaacaa ctccatcagc acaaactttt tattttgatc aagatttttg ccaaccgacg 11880
242 gttgtggtgt ttggctcaga aaaagatggt gtcgcctgat tggttgaatg gaagtttttg 11940
243 taacatagct ttacctatgt tagggaaagc agattcatta aacctttctt ctctgttgc 12000
244 agctgttgc ttagaggtcg ttcgacaaag aagtataaga aatcttttat gattcaagtt 12060
245 ttgaaacttg atttttaatg ttttatatgc gatccttcag gatgccctcg tttggaaggc 12120
246 tacttgggta aagaggacga agagtctgtc tcagcccttt aggtttgtca tagtttttgc 12180
247 aggtgttctg ttttaggaaga acttgagtag ggcgcccatg agattcagtt tcttttctg 12240
248 tattcgagac cttttccgtc atctcatcat atctgcgact tctggagcct tgtctgatcg 12300
249 tattaggctg ctttggcag tcattcgtag agtgttttct ggctctgtt ggctgcgaca 12360
250 taagattgcy aaatctcctc atcaagtaca agcaacagtg gtgagtgtag ggaatatcgt 12420
251 tgttggcggg acaggaaaga ctcttttggg gttatggcta gcccaagcac tgcataag 12480
252 aggtcttct tgtgcggtgc tttcgagagg atacaaaggg aaatatagta agaaaaagc 12540
253 gtttactatt gtgaatccag cgcttcacac cgcttctgt gttggagatg aacctttgct 12600

```

RAW SEQUENCE LISTING ERROR SUMMARY
PATENT APPLICATION: US/09/201,228B

DATE: 07/01/2005
TIME: 11:39:58

Input Set : D:\seq-list-replace.txt
Output Set: N:\CRF4\06302005\I201228B.raw

Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:1; N Pos. 764,12902,13230,13231,13272,13273,13340,13514,14225,14255
Seq#:1; N Pos. 14259,15015,16608,21375,21403,21406,22091,22226,26419,37285
Seq#:1; N Pos. 41759,42182,42183,42945,43227,45991,58334,58353
Seq#:1; N Pos. 63745,69828,69829,71075,71076,71078,73507,73509,73510,100419
Seq#:1; N Pos. 110838,112828,113772
Seq#:1; N Pos. 122002,131940,134082,134405,134406,143850,148409,149267
Seq#:1; N Pos. 149274,161339,161691,161692,164538,165185,168433,177456
Seq#:1; N Pos. 182106,189176,189179,189180,193946,197615,200914,204484
Seq#:1; N Pos. 204498,204594,209280,209464,209475,210155,211254,212864
Seq#:1; N Pos. 213954,225706,225978,232387
Seq#:1; N Pos. 242730,243257,243258,247394,248740,248741,249776,251151
Seq#:1; N Pos. 251154,254956,255077,255078,255152,255156,255159,255162
Seq#:1; N Pos. 255163,255184,255189,258794,259562,266940,272737,273559
Seq#:1; N Pos. 273560,273564,277754,277813,288079,292434,293563,293565
Seq#:1; N Pos. 298730
Seq#:1; N Pos. 311804,312340,313224,313225,313411,319713,319729,319737
Seq#:1; N Pos. 323183,323275,323281,323312,323351,333256,333257,333786
Seq#:1; N Pos. 333959,335872,338615,338616,346098,346107,346144,358087
Seq#:1; N Pos. 358120
Seq#:1; N Pos. 361912,361930,361934,367522,367566,373343,380078,380079
Seq#:1; N Pos. 380080,387343,392214,393923,396571,397891,419266,419309
Seq#:1; N Pos. 419339
Seq#:1; N Pos. 422194,422226,422636,424860,424891,429246,429323,431696
Seq#:1; N Pos. 433922,437191,437192,437712,441096,442590,442612,442782
Seq#:1; N Pos. 445158,445509,451676,452696,452743,452786,455754,455755
Seq#:1; N Pos. 467049,475836
Seq#:1; N Pos. 488809,488916,493381,497240,497241,497264,497269,497273
Seq#:1; N Pos. 497274,500779,508035,508843,508910,511981,512425,514307
Seq#:1; N Pos. 519638,526060,527223,527224,528304,530272,530999,531000
Seq#:1; N Pos. 534853
Seq#:1; N Pos. 540450,544526,544527,545416,546999,547194,548524,550442
Seq#:1; N Pos. 557822,558047,561288,570098,582703,583549,583868,589936
Seq#:1; N Pos. 589937,589938,589939,589941,589981,596999,597337
Seq#:1; N Pos. 603094,609367,609368,613504,616496,622262,622342,622343
Seq#:1; N Pos. 625229,627309,633220,633236,633258,633695,634069,634675
Seq#:1; N Pos. 635563,635613,635768,636198,636695,638037,642847,648090
Seq#:1; N Pos. 648119,648146,651860,651994,652093,657608
Seq#:1; N Pos. 665167,665181,671229,671232,671234,677252,692236,693158
Seq#:1; N Pos. 698386,701282,701905,702600,708304,713666,714847,715593
Seq#:1; N Pos. 720167,732693,732694,733881,736546,737661,738346,739445
Seq#:1; N Pos. 739453,746610,747762,750225,751466,751467,752503,760709
Seq#:1; N Pos. 760762,761779,761780,762081,764305,768659
Seq#:1; N Pos. 783583,783730,783765,804081,804082,805330,809673,809786
Seq#:1; N Pos. 809820,811890,811901,812009,814342,814343,814934,815011

RAW SEQUENCE LISTING ERROR SUMMARY DATE: 07/01/2005
PATENT APPLICATION: US/09/201,228B TIME: 11:39:58

Input Set : D:\seq-list-replace.txt
Output Set: N:\CRF4\06302005\I201228B.raw

Seq#:1; N Pos. 822393,822775,825889,825907,837437
Seq#:1; N Pos. 846011,856120,856123,856155,856173,862109,863873,863988
Seq#:1; N Pos. 863989,864786,869942,869984,874509,875551,875553,883959
Seq#:1; N Pos. 884993,895020,897784,897848,897875,898659,899303
Seq#:1; N Pos. 902002,902004,902033,902820,902960,906435,907225,907559
Seq#:1; N Pos. 907738,907808,908038,908039,908118,908119,910197,912451
Seq#:1; N Pos. 913016,913853,915259,915558,916529,916530,920200,920201

Invalid Line Length:

The rules require that a line not exceed 72 characters in length. This includes spaces.

Seq#:1; Line(s) 12

VERIFICATION SUMMARY

DATE: 07/01/2005

PATENT APPLICATION: US/09/201,228B

TIME: 11:39:58

Input Set : D:\seq-list-replace.txt

Output Set: N:\CRF4\06302005\I201228B.raw

L:56 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1 after pos.:720
M:341 Repeated in SeqNo=1
L:17632 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3 after pos.:832
L:18109 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:13 after pos.:272
M:341 Repeated in SeqNo=13
L:18170 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:14 after pos.:224
M:341 Repeated in SeqNo=14
L:18201 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:15 after pos.:64
L:18218 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:16 after pos.:16
L:18469 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:21 after pos.:32
M:341 Repeated in SeqNo=21
L:18550 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:22 after pos.:112
L:19342 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:40 after pos.:160
L:19542 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:44 after pos.:320
L:19567 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:45 after pos.:0
L:19628 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:46 after pos.:64
L:19721 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:48 after pos.:16
L:19780 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:49 after pos.:112
L:20625 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:67 after pos.:112
L:21143 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:78 after pos.:448
M:341 Repeated in SeqNo=78
L:22398 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:102 after pos.:304
L:22876 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:114 after pos.:64
L:23244 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:119 after pos.:720
L:23709 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:128 after pos.:32
L:23836 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:131 after pos.:64
M:341 Repeated in SeqNo=131
L:24507 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:142 after pos.:96
L:24568 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:144 after pos.:80
L:24587 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:145 after pos.:16
L:25180 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:157 after pos.:48
L:25231 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:158 after pos.:208
L:25347 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:161 after pos.:96
M:341 Repeated in SeqNo=161
L:25873 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:173 after pos.:0
L:26410 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:184 after pos.:96
L:26657 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:190 after pos.:224
L:26834 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:193 after pos.:192
L:27045 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:199 after pos.:16
L:27294 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:203 after pos.:608
M:341 Repeated in SeqNo=203
L:27448 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:206 after pos.:240
M:341 Repeated in SeqNo=206
L:27471 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:207 after pos.:0
M:341 Repeated in SeqNo=207
L:27537 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:209 after pos.:16
L:27572 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:210 after pos.:32
L:27655 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:211 after pos.:48

VERIFICATION SUMMARY

DATE: 07/01/2005

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TIME: 11:39:58

Input Set : D:\seq-list-replace.txt

Output Set: N:\CRF4\06302005\I201228B.raw

L:28239 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:227 after pos.:0

L:28327 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:229 after pos.:224